

CLAIMS

1 - Method for manufacturing parts that are molded then forged comprising one or more recesses,
5 characterised in that it implements the following phases:

- a foundry preform is created that includes one or more pierced or blind recesses or cavities that match the useful or required shapes of an end
10 part to be obtained;

- the preform is transferred to a tunnel furnace that ensures a uniform temperature of said preform;

- the foundry preform is positioned in a
15 heading die disposed on a press;

- at least one multidirectional rod is introduced into at least one of a recess and a cavity of the foundry preform, according to a command prior to the forging operation;

- a heading operation is preformed on the
20 preform that receives the at least one rod to create a forged preform, when the at least one rod is temporarily positioned inside the at least one of a recess and a cavity.

- an upper forging die is raised to free the
25 forged preform;

- the at least one rod positioned in the at least one of a recess and a cavity is withdrawn; and

- the forged preform is removed.
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2 - Installation to implement the method of claim 1 characterised in that it comprises one or more multidirectional rod translation mechanisms positioned around the heading die receiving the
35 foundry preform, said at least one rod being intended to be positioned temporarily in the foundry preform

[illegible]